WKEN
(302) 674-1234

AM 1600 abc
Voice of the Capitol

January 20, 1990

Wayne Heinen
4131 S. Andes Way
Aurora, CO 80013

Dear Wayne:

Thank you for your tape and letter of the WKEN test broadcast on Monday morning, January 15, 1990 at 2:15 AM. After listening to the tape, a portion of our double tone was noted (right at the start of the tape), so we are, indeed, pleased to verify your report.

WKEN operates with 5000 watts daytime and 1000 watts nightime with a 3 tower directional system, both day and night. The main lobe of our signal is directed south/southeast, right over extreme southern New Jersey and the Delaware Bay, maintaining approx. 500 watts in the other directions daytime and far less at night! Our main transmitter is an AEL AM5KD with a Gates BC1G as the back-up. WKEN operates from 5:30 AM until 1:00 AM weekdays and 6:00 AM til midnight weekends with a local news/ information/talk format with some pop music during the weekend periods.

For your information, the tone used was a two pitch type, from a small unit used by the phone company in setting up circuits and lines. The same unit is also very good in setting modulation levels in transmitters!

Thus far, with your tape/letter, 10 reports have been received, all confirmable. WKEN ran a test back in the late 60's, early 70's, when it operated with 500 watts non directional days and 1000 watts directional night. Considering band conditions, I feel we did pretty good.

Thanks again for writing and letting us know you heard WKEN, we are always glad to hear from our listeners both near & far!

Best of DX to you!

Dave Schmidt
Chief Engineer - WKEN
Member - National Radio Club